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AMENDMENTS TO THE CLAIMS

1-56. (Cancelled)

57. (Currently amended) A modified pigment product comprising a pigment having attached at least one aromatic or alkyl group X, wherein X is substituted with at least one group comprising the formula:

· [polymer]R,

wherein "polymer" represents a polycarbonate group, a polyether group, a polyimide group, a polyurethane group, a polymide group, a polyetter group, poly(vinyl alcohol), or combinations thereof, optionally having at least one -X' group, wherein X' comprises at least one aromatic group or at least one alkyl group, and each X and X' can be the same or different and are directly attached to the pigment, R represents hydrogen, a bond, a substituted or unsubstituted alkyl group, or a substituted or unsubstituted aromatic group, and the total amount of monomer groups of "polymer" is not greater than about 500 monomer repeating units, and when R represents a bond, R optionally bonds to said pigment.

- 58. (Previously presented) The modified pigment product of claim 57, wherein at least one X' group is attached to said pigment.
- 59. (Previously presented) The modified pigment product of claim 57, wherein X is an aromatic group.
- 60. (Previously presented) The modified pigment product of claim 57, wherein X is further substituted with at least one functional group.

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- 61. (Previously presented) The modified pigment product of claim 60, wherein said functional group is a carboxylic group or a sulfonate group.
- 62. (Currently amended) The modified pigment product of claim 57, turther comprising a second chemical group attached to said pigment.
- 63. (Currently amended) The modified pigment product of claim 62, wherein the second chemical group comprises a carboxylic acid group, a sulforming group; or salts thereof.
- 64. (Currently amended) The modified pigment product of claim 62, wherein the sexand chemical group is a carboxyphenyl group, a culfophenyl group, or salts thereof.
- 65. (Previously presented) An ink composition comprising a) at least one liquid vehicle; and b) at least one modified pigment product comprising a pigment having attached at least one aromatic or alkyl group X, wherein X is substituted with at least one group comprising the formula:

-[polymer]R,

wherein "polymer" represents a polycarbonate group, a polyether group, a polyimide group, a polyurcthane group, a polyamide group, a polyester group, poly(vinyl alcohol), or combinations thereof, optionally having at least one -X' group, wherein X' comprises at least one aromatic group or at least one alkyl group, and each X and X' can be the same or different, R represents hydrogen, a bond, a substituted or unsubstituted alkyl group, or a substituted or unsubstituted aromatic group, and the total amount of monomer groups of "polymer" is not greater than about 500 monomer repeating units, and when R represents a bond, R optionally bonds to said pigment.

66. (Previously presented) The ink composition of claim 65, wherein said ink composition is an inkjet ink composition.

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67. (Previously presented) The ink composition of claim 65, wherein X is an aromatic group.

68-69. (Cancelled)

- 70. (Currently amended) The ink composition of claim 65, further comprising a second chemical group attached to said pigment.
- 71. (Currently amended) The ink composition of claim 70, wherein the second chemical group comprises a carboxylic acid group, a sulforme group; or salts thereof.
- 72. (Currently amended) The ink composition of claim 70, wherein the second chemical group is a carboxyphenyl group, a-sulfaphenyl group, or salts thereof.

73-79. (Cancelled)

80. (Currently amended) An ink composition comprising a) at least one liquid vehicle; b) at least one modified pigment product comprising a pigment having attached at least one aromatic or alkyl group X, wherein X is substituted with at least one group comprising the formula:

-[polymer]R,

wherein "polymer" represents a polycarbonate group, a polyether group, a polyimide group, a polyurethane group, a polyamide group, a polyester group, poly(vinyl alcohol), or combinations thereof, optionally having at least one -X' group, wherein X' comprises at least one aromatic group or at least one alkyl group, and each X and X' can be the same or different, R represents hydrogen, a bond, a substituted or unsubstituted alkyl group, or a substituted or unsubstituted aromatic group, and the total amount of monomer groups of

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"polymer" is not greater than about 500 monomer repeating units, and when R represents a bond, R optionally bonds to said pigment, and c) at least one additional polymer selected from the group consisting of: a polyester, a polyester-melamine, a styrenated acrylate, a styrene-acrylic acid-alkyl acrylate copolymer, a styrene-maleic acid copolymer, a styrene-maleic acid-alkyl acrylate copolymer, a styrene-methacrylic acid-alkyl acrylate copolymer, a styrene-methacrylic acid-alkyl acrylate copolymer, a styrene-methacrylic acid-alkyl acrylate copolymer, a styrene-maleic half ester copolymer, a vinyl naphthalene-acrylic acid copolymer, a vinyl naphthalene-maleic acid copolymer, and salts thereof.

- 81. (Cancelled)
- 82. (Previously presented) The ink composition of claim 80, wherein the additional polymer is a styrenated acrylate.
- 83. (Cancelled)
- 84. (Previously presented) The ink composition of claim 80, wherein the ink composition is an inkjet ink composition.
- 85. (Previously presented) The ink composition of claim 84, wherein the liquid vehicle is an aqueous vehicle.
- 86. (Previously presented) An ink composition comprising a) at least one liquid vehicle; and b) at least one modified pigment product comprising a pigment having attached at least one aromatic or alkyl group X, wherein X is substituted with at least one group comprising the formula:

-[polymer]R,

wherein "polymer" represents repeating minimizer groups or multiple monomer groups or both

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having at least one -X' group, wherein each X and X' are the same and are attached to the pigment, R represents hydrogen, a bond, a substituted or unsubstituted alkyl group, or a substituted or unsubstituted around group, and the total amount of monomer groups of "polymer" is not greater than about 500 monomer repeating units, and when R represents a bond, R optionally bonds to said pigment.